

## Monitor Specification (Built in 4CH-DVR) CT14F (Monitor&DVR)

Model No.	14" Color TV TUBE
Operation System	NTSC OR PAL
Operating Frequency	NTSC: 15750Hz / 60Hz PAL: 15625Hz / 50Hz
Input Voltage	100 ~ 264Vac 50 / 60 Hz
Compress Format	MJPEG (12-20K Kbytes/Frame)
Display Resolution	NTSC 720X480/PAL 720X576
Display Frame Rate	NTSC 120FPS/ PAL 100FPS
Recording Resolution	NTSC 640X224/ PAL640X272
Recording Frame Rate	NTSC 30FPS/ PAL 25FPS(Quad mode) NTSC 7.5FPS/ PAL 6.25FPS(Each mode)
Recording Quality	Low: 12Kbytes/Frame Normal: 15Kbytes/Frame High: 20Kbytes/Frame
Storage	HDD (20~120GB)
Video input	4BNC Terminal (1.0Vpp/75Ω)
Video looping output	4BNC Terminal (1.0Vpp/75Ω)
Display output	1BNC Terminal (1.0Vpp/75Ω)
I/O Port	4 Sensor Input/1 Alarm output
Recording Mode	Continuous/Manual/Sensor Event/Program recording
Search Mode	Date/Time/Camera (support full and quad display)
User control	Front: Power On/Off, Contrast, Brightness, Color, Tint, Sharpness, DVR keypad.
CRT	14" Diagonal
CRT Dot Pitch	0.63mm
Resolution	>420Lines
Linearity	H: 10% V: 10%
Power Consumption	100W(max)
Operating Temperature	- 10 ~ 50°C
Humidity	10 ~ 90 % RH
Certification	UL, CSA, LVD, FDA, FCC,CE
Dimension W X H X D	346 X 330 X 364 mm
Weight (N.W. / G.W.)	13.7Kgs / 16.7Kgs

## Camera Specification:

	Bullet IR Camera	Color Dome Camera
Model No	CM84X	CM44X
Pixels	NTSC:512H*492V PAL:512H*582V	NTSC:771H*492V PAL:512H*582V
Scanning frequency	Horizontal: NTSC 15.734KHz/ PAL 15.625KHz	Horizontal: NTSC 15.734KHz/ PAL 15.625KHz
	Vertical: NTSC 59.94Hz/ PAL 50Hz	Vertical: NTSC 59.94Hz/ PAL 50Hz
Image Sensor	1/3" Color CCD	1/3" Color CCD
Synchronization	Internal sync.	Internal sync.
Resolution	More than 330 TV Lines	More than 330 TV Lines
Video S/N ratio	48dB (AGC off)	49dB (AGC off)
Gamma Characteristic	0.45	0.45
Mini. Illumination	0.6Lux(F1.2), 0Lux IR on	1 Lux (F1.2)
Spectral Sensitivity	240 to 1100nm	240 to 1100nm
Electronic Shutter	Auto Shutter	AE ON/OFF Switch(Auto Electronic Shutter)
	NTSC 1/60~1/100000 sec or PAL 1/50~1/100000 Sec	NTSC 1/60~1/100000 sec or PAL 1/50~1/100000 Sec
White Balance	Auto (2000K~10000K)	Auto
Power Requirement	Input:120VAC, Output: 12VDC/ 250mA	DC12V( 1.2VDC/ AC24V/110V/220V
Power Consumption	About 200mA for DC12V Input	120mA(max) for DC 12V
Video signal output	Composite video signal 1Vp-p, 75 ohm	Composite video signal 1Vp-p, 75 ohm
Lens Mount	6.0mm/F2.0	3.6mm/F2.0
Operation Temperature	-10°C~50°C	-10°C~50°C
Storage Temperature	-30°C~80°C	-20°C~80°C
Weight	450g	150g
Dimension	W65*H100*L210mm(Including	D87*H60mm